



Importers and dealers of
 - Natural and Organic Oils
 - Essential Oils
 - Natural Powders
 - Clays, etc
 - Agro Products
 - General Contracts

CERTIFICATE OF ANALYSIS

Product Name	Phloretin (Non-irradiation)		
Botanical Name	<i>Pyrus Malus</i>		
CAS NO	60-82-2		
Part Used	Root		
Batch Number	20250325	Manufacture Date	20250325
Report Date	20250325	Expiry Date	20270324
Item of Analysis	Specification	Results	Test Methods
Appearance	Off-white powder	Conforms	Visual method
Odor	None to slight	Conforms	Smell
Particle size	100% Through 80 mesh	Conforms	CP2015
Solubility	Clear	Conforms	
Heavy metals	≤10ppm	< 10ppm	Colorimetry
As	≤1ppm	< 1ppm	AAS
Hg	≤0.1 ppm	<0.1 ppm	AAS
Pb	≤1ppm	< 1ppm	AAS
Cd	≤1ppm	< 1ppm	AAS
Water	≤5.0%	1.51%	KF
Ashes	≤0.1%	0.08%	CP2015
Methanol	≤100ppm	2ppm	GC Method
Ethanol	≤1000ppm	350ppm	GC Method
Assay(on dry product)	≥98.0%	98.99%	HPLC method
Microbiological			
Bacteria	≤1000cfu/g	Conforms	CP2015
Yeast & Mould	≤100cfu/g	Conforms	
Salmonella	Negative	Conforms	
Escherichia coli	Negative	Conforms	

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.